

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("702"/\$.ccls. "415"/\$.ccls. "73"/\$.ccls. "60"/\$.ccls.) and ((tip with clearance) and (command with signal) and (adjust\$3 with shroud) and (predict\$3 with clearance)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/25 20:03
L2	1	("702"/\$.ccls. "415"/\$.ccls. "73"/\$.ccls. "60"/\$.ccls.) and ((tip with clearance) and (command with signal) and (adjust\$3 with shroud) and (predict\$3 with clearance)).clm.	US-PGPUB	OR	ON	2006/02/25 20:06
L3	1	("702"/\$.ccls. "415"/\$.ccls. "73"/\$.ccls. "60"/\$.ccls.) and ((tip with clearance) and (command with signal) and inflatable and fluid and pump and (control\$4 with pressure)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/25 20:08
L4	1	("702"/\$.ccls. "415"/\$.ccls. "73"/\$.ccls. "60"/\$.ccls.) and ((tip with clearance) and (command with signal) and inflatable and fluid and pump and (control\$4 with pressure)).clm.	US-PGPUB	OR	ON	2006/02/25 20:08
S1	769	(blade with tip with clearance with turbine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/25 19:59
S3	50	S1 and stator and (shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:08
S4	0	S3 and actuator and (sens\$3 with turbin with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:39
S5	0	S3 and actuator and (sens\$3 with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 13:00

## EAST Search History

S6	5	S3 and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:38
S7	2	"5219268".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:12
S8	0	S1 and actuator and (sens\$3 with turbin with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 15:12
S9	769	(blade with tip with clearance with turbine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:38
S10	50	S9 and stator and (shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:12
S11	8	S10 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:38
S12	4	S11 and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:45
S13	0	S12 and model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 16:09

## EAST Search History

S14	0	S10 and model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:45
S15	64	S9 and model	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:46
S16	0	S15 and ( model same (tip with clearance with prediction) same (turbine with parameter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:47
S17	0	S15 and ( model same (tip with clearance with prediction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:47
S18	0	S15 and ( model same (turbine with parameter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:48
S19	26	S15 and (controller microprocessor processor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 16:48
S20	4	S19 and (command with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 17:57
S21	218	(control\$3 with blade with tip with clearance with turbine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 17:18

## EAST Search History

S22	0	S21 and (turbin with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 17:19
S23	38	S21 and parameter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 17:19
S24	1	S23 and (command with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 17:19
S25	2	"702"/\$.ccls. and (clearance with turbine) and controller and sensor and command	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 17:26
S26	0	702/145 and (clearance with turbine) and controller and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 17:27
S27	0	702/145 and (clearance with turbine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/03 17:27
S28	0	(turbine with parameter) and (tip with clearance) and ((command with signal) same parameter same clearance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 15:45
S29	0	(turbine with parameter) and (clearance with turbin) and ((command with signal) same parameter same clearance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 15:45

## EAST Search History

S30	2	"5219268".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 17:57
S31	0	S30 and (command with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 17:58
S32	0	(command with signal) same (turbine with parameter) same (tip with clearance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 18:03
S33	0	(command with signal) same (turbine with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 18:03
S34	0	(command with signal) same (turbine with parameter) same (tip with clearance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 18:03
S35	76	(command with signal) same (turbine with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 18:03
S36	0	S35 and ((command with signal) same (tip with clearance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 18:04
S37	0	S35 and ((command with signal) same (turbine with clearance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/16 18:04

## EAST Search History

S38	771	(blade with tip with clearance with turbine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 16:09
S39	50	S38 and stator and (shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 16:09
S40	8	S39 and sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 16:09
S41	4	S40 and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 16:09
S42	4	S41 and control\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:11
S43	771	(blade with tip with clearance with turbine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:16
S44	133	S43 and (shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:12
S45	6	S44 and sensor and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:13

## EAST Search History

S46	0	S45 and (sensor with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:14
S47	0	S45 and (sensor with pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:14
S48	0	S45 and (sensor with temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:14
S49	0	S44 and (sensor with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:14
S50	0	(blade with tip with clearance) and turbine and (shroud with segment) and (sens\$3 with parameter) and (controller microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:19
S51	0	(blade with tip with clearance) and (turbine with parameter) and (shroud with segment) and (controller microprocessor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 17:19
S59	2	(blade with tip with clearance) and turbine and (actuator with around with shroud)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 18:57
S60	2	(blade with clearance) and turbine and (actuator with around with shroud)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 10:27

## EAST Search History

S61	2	clearance and turbine and (actuator with around with shroud)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 18:58
S62	11	turbine and (actuator with around with shroud)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 19:07
S63	16	turbine and ((actuators with shroud) same (tip with blade))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/17 19:08
S66	7	(blade with clearance) and turbine and (casing with shroud with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 12:45
S67	0	(blade with clearance) and turbine and ((inflatable with fluid with pump) same signal same pump same (control\$4 with pressure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 12:47
S68	0	(blade with clearance) and turbine and (inflatable same fluid same signal same pump same (control\$4 with pressure))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 12:59
S69	15	"702"/\$.ccls. and turbine and (tip with clearance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 13:00
S70	1	S69 and actuator and (sens\$3 with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/18 13:00



## EAST Search History

S71	4	("5049033" "6626636").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 17:32
S72	0	(control\$4 with tip with clearance) and (tip with clearance with prediction) and (turbine with cycle with parameter) and ((adjust\$3 compar\$4) with position with shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 09:15
S73	0	(tip with clearance with prediction) and (turbine with cycle with parameter) and ((adjust\$3 compar\$4) with position with shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 17:37
S74	0	(control\$4 with tip with clearance) and (tip with clearance with prediction) and (turbine with cycle with parameter) and ((adjust\$3 compar\$4) with position with shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 17:38
S75	0	(tip with clearance with prediction) and (turbine with cycle with parameter) and ((adjust\$3 compar\$4) with position with shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 11:08
S76	0	(control\$4 with tip with clearance) and (tip with clearance with prediction) and ((adjust\$3 compar\$4) with position with shroud)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 09:16
S77	1	(control\$4 with tip with clearance) and (tip with clearance with predict\$3) and ((adjust\$3 compar\$4) with position with shroud)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 12:31
S82	2	((((controller controlling control ) with blade with clearance) same turbine) and (turbine with parameter) and (clearance with predict\$3) and (command same (adjust\$3 control controlling) same (position with shroud with segment)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:08

## EAST Search History

S83	2	((((controller controlling control ) with blade with clearance) same turbine) and (turbine with parameter) and (clearance with predict\$3) and (command same (adjust\$3 control controlling) same (position with shroud)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:05
S84	2	((((controller controlling control ) with blade with clearance) same turbine) and (turbine with parameter) and (clearance with predict\$3) and (signal same (adjust\$3 control controlling) same (position with shroud)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:05
S85	2	((((controller controlling control ) with blade with clearance) same turbine) and (turbine with parameter) and (clearance with predict\$3) and ((adjust\$3 control controlling) same (position with shroud)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:05
S86	2	((((controller controlling control ) with blade with clearance) same turbine) and (turbine with parameter) and (clearance with predict\$3) and ((adjust\$3 control controlling) same (position with segment)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:09
S87	2	((((controller controlling control ) with clearance) same turbine) and (turbine with parameter) and (clearance with predict\$3) and (command same (adjust\$3 control controlling) same (position with shroud with segment)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:08
S88	2	((((controller controlling control ) with clearance) same turbine) and (turbine with parameter) and (clearance with predict\$3) and ((adjust\$3 control controlling) same (position with segment)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:30
S89	849	(blade with tip with clearance with turbine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:17

## EAST Search History

S90	158	S89 and (shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:17
S91	849	(blade with tip with clearance with turbine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:30
S92	158	S91 and (shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:30
S93	29	S92 and ((adjust\$3 control controlling) same (position with segment))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:30
S94	2	S93 and (turbine with parameter) and (clearance with predict\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:31
S95	2	S93 and (turbine with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:31
S96	2	S93 and (clearance with predict\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:31
S97	2	S93 and (command with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:32

## EAST Search History

S98	4	S93 and parameter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:39
S10 0	3	S98 and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:52
S10 1	5	("4087199"   "4384819"   "4462264"   "5012420"   "5370340").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/04 19:53
S10 2	0	S101 and (predict\$3 with clearance )	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/04 19:54
S10 3	0	(predict\$3 with tip with clearance ) and (turbine with parameter)	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/04 19:55
S10 4	5	(predict\$3 with tip with clearance ) and (turbine with parameter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 19:55
S10 5	2	(tip with clearance with prediction) and ((adjust\$3 compar\$4) with position with shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 11:08
S10 6	2	(tip with clearance with prediction) and ((adjust\$3 compar\$4 control controlling) with position with shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 11:09
S10 7	2	(tip with clearance with prediction) and (position with shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 11:09

## EAST Search History

S108	2	(tip with clearance with predict\$3) and (position with shroud with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 11:09
S109	2	(tip with clearance with predict\$3) and (position with segment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 11:09
S110	11	(control\$4 with tip with clearance) and ((adjust\$3 compar\$4) with position with shroud)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 13:12
S112	3	(control\$4 with tip with clearance) and ((adjust\$3 compar\$4) with position with shroud) and ((model\$3 modul\$3) with clearance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 13:21
S113	8	(control\$4 with tip with clearance) and (adjust\$3 with shroud) and ((model\$3 modul\$3) with clearance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 13:26
S114	5	(control\$4 with tip with clearance) and (adjust\$3 with shroud) and (predict\$3 with clearance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 13:26